

## Claims

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1. An electrical switch for controlling operation of lighting in a vehicle,  
comprising a switch housing, an actuating member mounted for rotation  
about a central axis and for axial movement within said switch housing, a  
movable contact carrier coupled to said actuating member for joint rotation  
and relative axial movement, a fixed contact carrier mounted in said  
switch housing in a position axially opposite to said movable contact  
carrier, a first set of movable contacts mounted on said movable contact  
carrier and associated with a first set of fixed contacts of said fixed contact  
carrier, a second set of movable contacts mounted on said movable contact  
carrier and associated with a set of radially fixed contacts also mounted on  
the movable contact carrier in positions radially opposite to corresponding  
ones of said movable contacts of the second set, and at least one cam on  
said actuating member, said cam being movable axially between a first  
position disengaged from a corresponding movable contact of the second  
set and a second position engaged with said movable contact of the second  
set to deflect said contact radially against a corresponding contact of the  
set of radially fixed contacts.

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2. The electrical switch of claim 1, wherein said cam is ramp-shaped.
3. The electrical switch of claim 1 or claim 2, wherein at least two axially  
spaced cams are provided on said actuating member.
4. The electrical switch of claim 1, wherein said contacts carried by said  
movable contact carrier are all stamped from a shared metal plate.

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5. The electrical switch of claim 4, wherein said radially fixed contacts and said movable contacts of the second set bent off to extend generally axially.
- 5      6. The electrical switch of claim 1, wherein said fixed contact carrier is a printed circuit board and said fixed contacts are formed by conductor tracks on said printed circuit board.